

NPOL Radar Scientist Report 0000 UTC

Submitted by tlang@atmos.col... on Fri, 04/22/2011 - 19:11

- [NPOL](#)

Flight Date:

Friday, April 22, 2011

Status:

Green

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4/22/2011 Shift Summary 1200 UTC – 2359 UTC

NPOL continued to run test scans through 20Z as conditions were clear with no precipitation echo. A broken line of showers oriented NE/SW rapidly developed to the East of NPOL during the 20 UTC hour associated with the frontal boundary. Convection was beyond 100 km range and was too far away for NPOL, however the location was ideal for OU Prime.

Technical issue approximately 2230 UTC: Observed that the antenna had stopped during scan-0 and the RTD had frozen. This occurred approximately the same time that the npol2 computer had frozen. It was determined that the azimuth drive was off in the Selex visualization software. The azimuth drive was turned on and both npol1 and npol2 computers were rebooted. At this point, scanning resumed and operations continued. It is unclear what caused this problem. This will be monitored.

End of summary

David Marks